



BorrePlex™ OA



Acidifies Water, Dissolves Bicarbonates and
Frees soil-bonded Calcium & Magnesium

PRODUCT USE GUIDELINES

GUARANTEED ANALYSIS

Calcium (Ca).....	1.00%
Sulfur (S).....	1.50%
Derived from Calcium Lignosulfonate, Lignosulfonic Acid	

NON-PLANT FOOD INGREDIENTS:

Carbon	55.00%
HPLC Sugars	10.00%

BorrePlex OA is a modified organic acid derived from Lignin, a natural and renewable raw material that contains carbon and sugars. It acidifies irrigation water; improves water penetration; helps free up bound nutrients in alkaline soil; and supplies Carbon to soil microorganisms.

BorrePlex OA combines the unique properties of lignin and organic acids. **BorrePlex OA** provides the benefits of dissolving Bicarbonates and lowering pH. The lignin complex acts as a buffering agent against corroding metals which allows **BorrePlex OA** to be applied with conventional spraying equipment, or delivered through the irrigation system. The lignosulphonate molecule in **BorrePlex OA** displays properties attributed to humus that would be present in soil. It is a source of plant nutrients due to the calcium and sulfur present in the carbon formulation.

AGRICULTURAL BENEFITS:

- *Acidifies irrigation water to help maintain soil pH, reduce alkalinity and improve water penetration into the soil.*
- *Dissolves bicarbonates normally present in irrigation water, freeing calcium to help build good soil structure and prevent soil from crusting.*
- *Reduces the incidence of localized dry spots and improves water percolation to maintain uniform soil moisture, especially under irrigation (reduces need for wetting agents).*
- *Improves fertilizer efficiency by solubilizing nutrients tied up in alkaline soils.*
- *Increases water use efficiency (reduction of water use) by improving water quality and soil penetration.*
- *Improves efficiency of alkaline sensitive pesticides.*
- *Reduces soil sodium by increasing sodium solubility.*

DIRECTIONS FOR USE:

Stabilize Irrigation Water pH and Scale Control

For continuous injection treatment through drip or sprinkler systems; inject 12-16 oz of **BorrePlex OA** in every 100 gallons of irrigation water with Hardiness of 3,500 ppm and pH of 7.5. Adjust injection rate based on titration test of irrigation water's hardness & water pH.

Cleaning Drip Irrigation Lines

Injection rates are determined by water alkalinity and water pH. Inject sufficient amounts of **BorrePlex OA** to reduce irrigation water pH to 4. Maintain water in system for a minimum of 30 minutes. In the absence of a titration test, Inject 4 to 8 quarts per acre per hour for one hour once a month. This will help minimize scale formation while providing the crop with agronomic benefits as previously outlined.

Row Crops (rates, timings or applications through center pivot): Contact your Miller representative for more information.

Vegetable Crops:

BorrePlex OA can increase crop development and size. For Tomatoes, Peppers, Lettuce, Spinach, Leaf, Cole Crops, Cucurbits, Beans, Peas, Potatoes, Root, Bulb or Tuber Crops, apply 2-4 quarts of **BorrePlex OA** per acre at planting. Repeat application of 2-4 quarts per acre 30 days after planting. For crops that have a 28-30 day growing cycle, apply 3-4 quarts of **BorrePlex OA** per acre at planting.

Tree Crops, Vines, Small Fruit:

Apply **BorrePlex OA** at 4- 8 quarts per acre through irrigation or sprayed to the soil during the early root flush periods in the spring. Additional applications at 4 quarts per acre monthly will help provide the agronomic benefits previously outlined in addition to improving water quality issues if applied through irrigation systems.

Turf General Directions for Use:

Mix **BorrePlex OA** at 1- 4 oz with a minimum of 2- 3 gallons of spray solution per 1,000 sq ft. To allow product to penetrate down into the root zone, irrigate after application.

Greens, Tees and Fine Turf:

For initial application, apply 2 - 4 oz per 1,000 sq. ft. once or twice per month. Apply 1 - 3 ounces/1,000 sq ft (30 - 90 mls per 1,000 sq ft) once or twice per month. For best results, irrigate after application.

Storage and Handling:

Do not store in fertilizer solution for long period of time. Be sure to mix with plenty of water. Do not store in liquid fertilizer. Apply solutions containing BorrePlex OA on the day that they are mixed. Store above 40 F. Do not allow to freeze. **Caution:** Keep away from Children. Avoid contact with eyes and open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact physician immediately.

Read and Follow all label directions:

When tank mixing with other pesticides or fertilizers it is strongly recommended that a jar test for compatibility be performed before mixing large volumes of solution. Special caution should be given to starter fertilizer; pop up fertilizer or in-furrow insecticide applications due to potential compatibility issues.

Notice of Warranty: Miller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. MILLER MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

- ☐ 5.0 gal (19 L) Jug
Net Wt: 53 lbs (24.0 kg)
- ☐ 275 gal (1000 L) Tote
Net Wt: 2915 lbs (1321.9 kg)

BorrePlex™ OA
Distributed Exclusively in the U.S.
By: Miller Chemical & Fertilizer Corporation
P.O. Box 333, 120 Radio Rd.
Hanover, Pa. 17331
Tel: 800-233-2040 Toll Free